

### REMARKS

Claims 21, 22, 24, 25 and 29-53 are pending in the application.

Applicant's claimed invention includes, in one embodiment, a method of providing a communication service to a correspondent terminal that communicates with a mobile terminal. The method is conducted by a proxy correspondent node which is provided between a correspondent terminal and a home agent.

Another embodiment includes a proxy correspondent node device (proxy CN) which is provided between a correspondent terminal and a home agent, forms a communication system with a correspondent terminal, and provides and conducts communication services for a correspondent terminal that is communicating with a mobile node.

It is respectfully submitted that applicant's claimed invention includes a features in which a proxy CN is disposed between a correspondent terminal and a home agent. The proxy CN establishes a communication path in place of or rather than the correspondent terminal or the home agent.

#### Claim Rejections

Claims 21, 24-25, 29-42 and 52 are rejected under 35 U.S.C. § 102(e) as anticipated by Yuan.

Yuan describes a mobile data intermediate system (MDIS) 28 which controls mobility and performs registration, authentication, and routing functions. Yuan's mobile network makes it possible to move seamlessly among mobile networks of mobile IP and of other types.

However Yuan describes processes performed by an HA or as described in other prior art MDIS, these descriptions fail to describe a proxy CN which is provided between a correspondent

terminal and a home agent, forming a communication system with a correspondent terminal, and providing and conducting communication services for a correspondent terminal that is communicating with a mobile node.


Applicant's claimed invention provides for functional groups within a proxy CN that is held in an unit such as a router provided within a network, while they are normally provided within a CN, an MN or the like. Consequently applicant's claimed invention provides the advantage of enabling a move within a mobile IP without needing to have an MN or a CN to contain any special functions. Thus the proxy CN provides mobile IP specific functions (holding a combined cache, capsulation of packets and so on) in place of a CN.

For at least the foregoing reasons it is respectfully requested the rejections be withdrawn.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

  
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Docket No.: FUJO 17.290 (100794-11414)